

OCT 14 2004

PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

14

Application Number

09/494,877

Filing Date

January 31, 2000

First Named Inventor

Zhigang Fang

Art Unit

1742

Examiner Name

Jenkins, Daniel

Attorney Docket Number

63833-5009

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

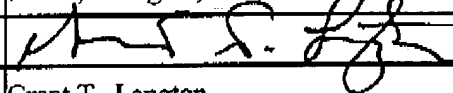
Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Jeffer, Mangels, Butler & Marmaro LLP

Signature



Printed name

Grant T. Langton

Date

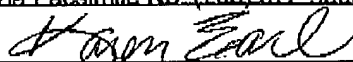
10/14/04

Reg. No.

39,739

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Signature



Typed or printed name

Karen Earl

Date

10/14/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 422 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Practitioner's Docket No. 63833-5009

OCT 14 2004

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Zhigang Fang, Anthony Griffo, Gregory T. Lockwood, and Dah-Beh Liang

Application No.: 09/494,877

Group No.: 1742

Filed: 01/31/2000

Examiner: Jenkins, Daniel

For: LOW COEFFICIENT OF THERMAL EXPANSION CERMET COMPOSITIONS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is other than a small entity.

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

*(When using Express Mail, the Express Mail label number is mandatory;
Express Mail certification is optional.)*

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37 C.F.R. § 1.8(a)

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37 C.F.R. § 1.10*

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Date: October 14, 2004

Karen Earl

(type or print name of person certifying)

* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

Amendment Transmittal—page 1 of 2

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

FEE FOR CLAIMS

4. No additional fee for claims is necessary.

FEE DEFICIENCY

5. If an additional extension and/or fee is required, charge Account No. 10-0440.
If an additional fee for claims is required, charge Account No. 10-0440.

Respectfully submitted,

Date: 10/14/04



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Amendment Transmittal--page 2 of 2

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OCT 14 2004

PATENT
63833-5009

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Zhigang Fang et al.

Serial No. 09/494,877

Filed: 01/31/2000

For: LOW COEFFICIENT OF THERMAL
EXPANSION CERMET COMPOSITIONS

Group Art Unit: 1742

Examiner: Jenkins, Daniel J.

CERTIFICATE OF FACSIMILE

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on October 14, 2004.

By: Karen Earl

MAIL STOP: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

In response to the Office action dated July 14, 2004, Applicants request that the
above-identified patent application be amended as follows:

Amended Claims are presented in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 10 of this paper.